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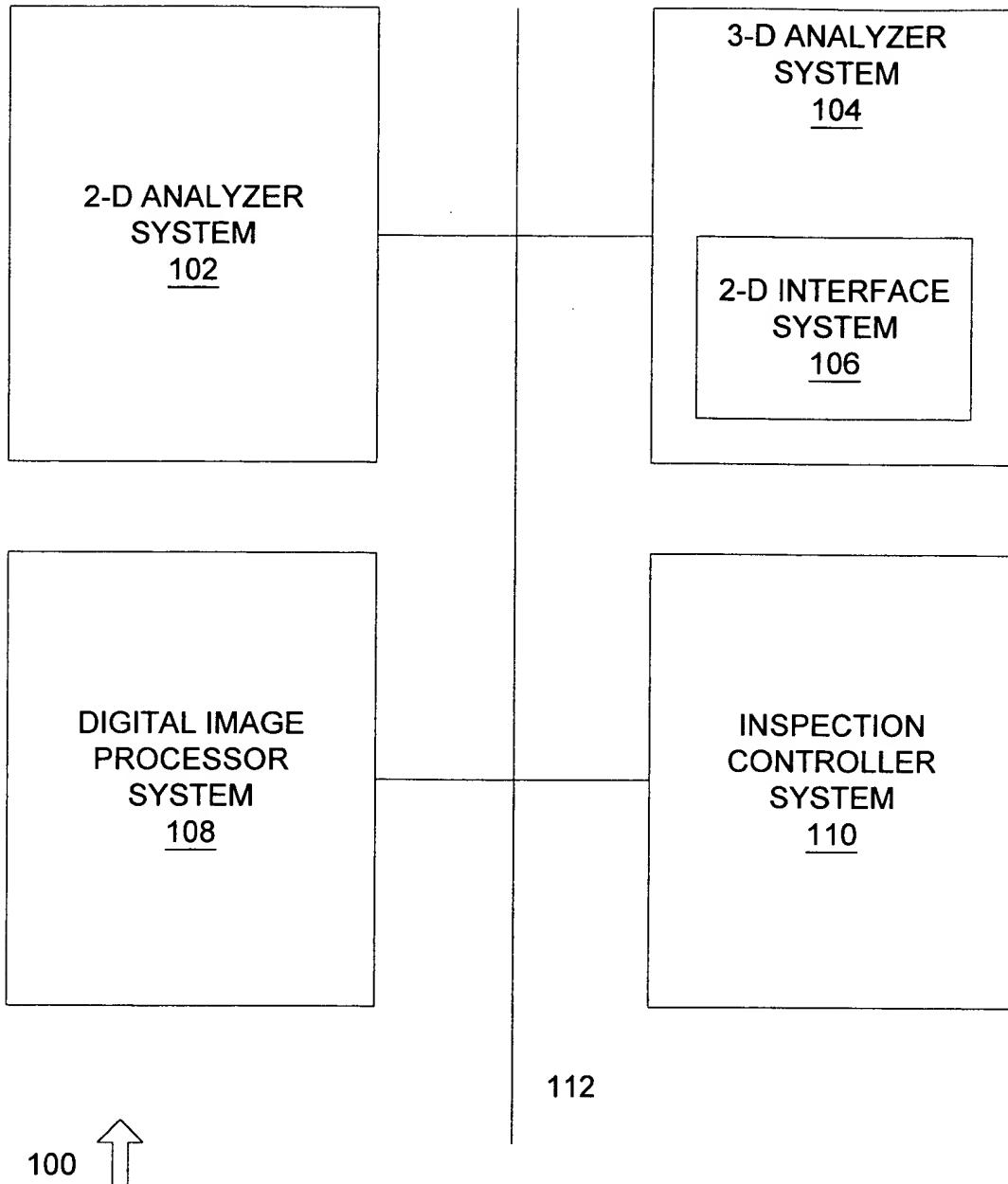


FIGURE 1
013377.0058

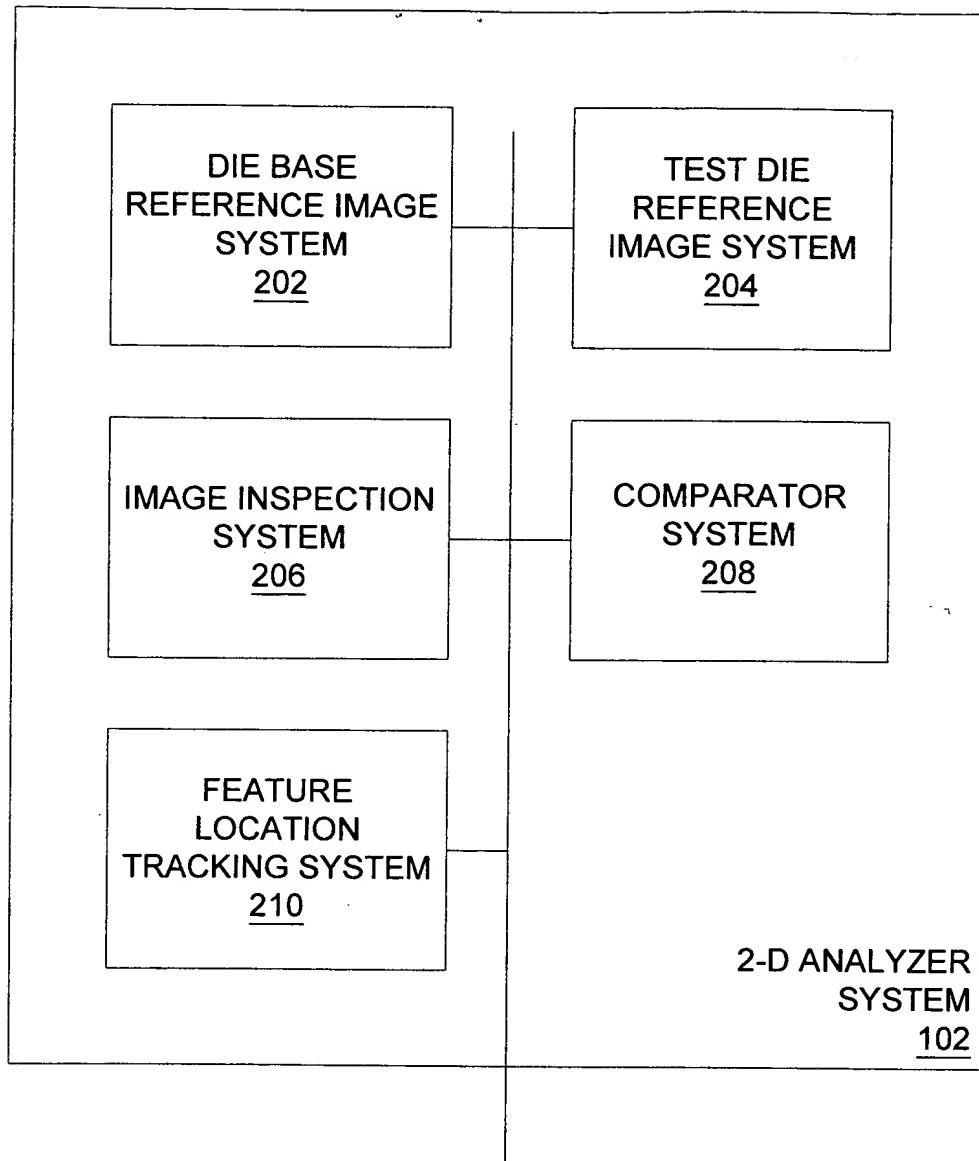
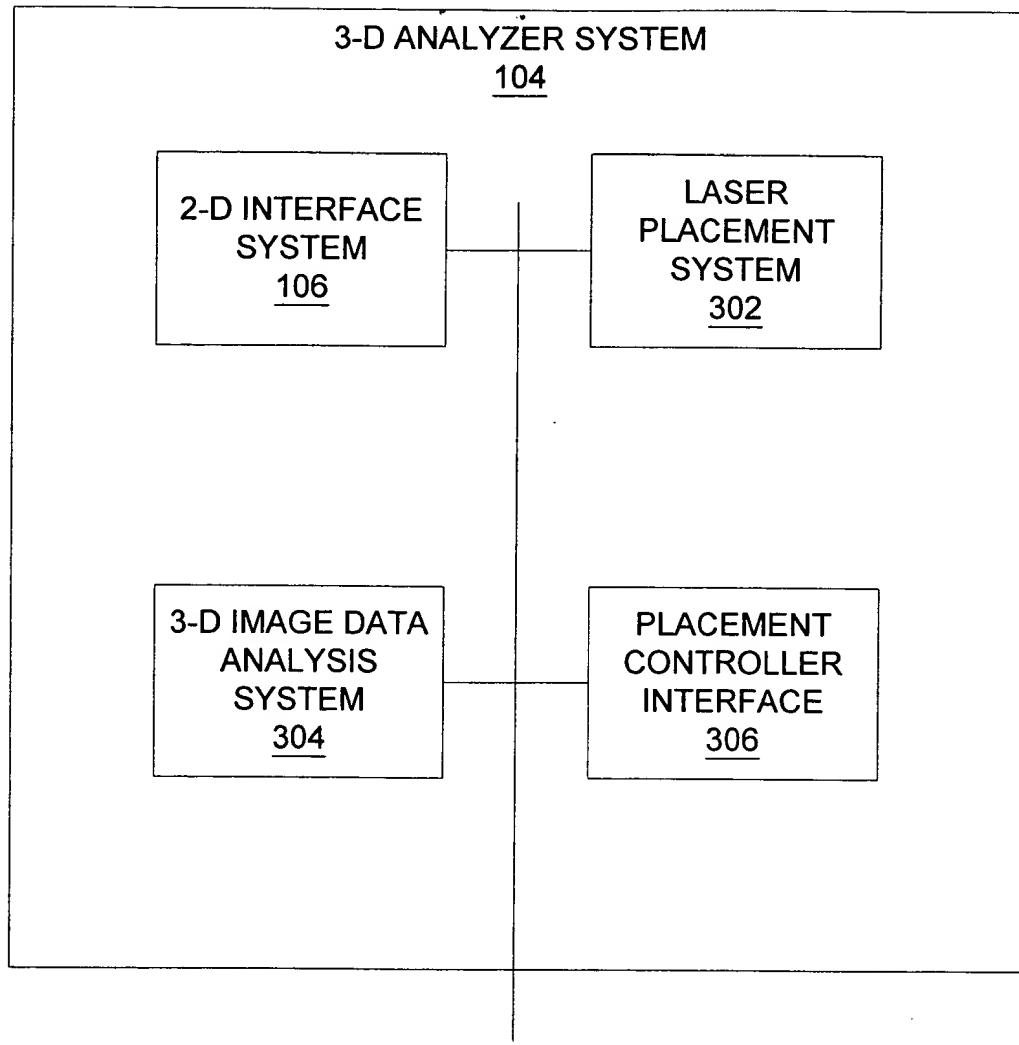


FIGURE 2
013377.0058

↑ 200



300

FIGURE 3
013377.0058

00000000000000000000000000000000

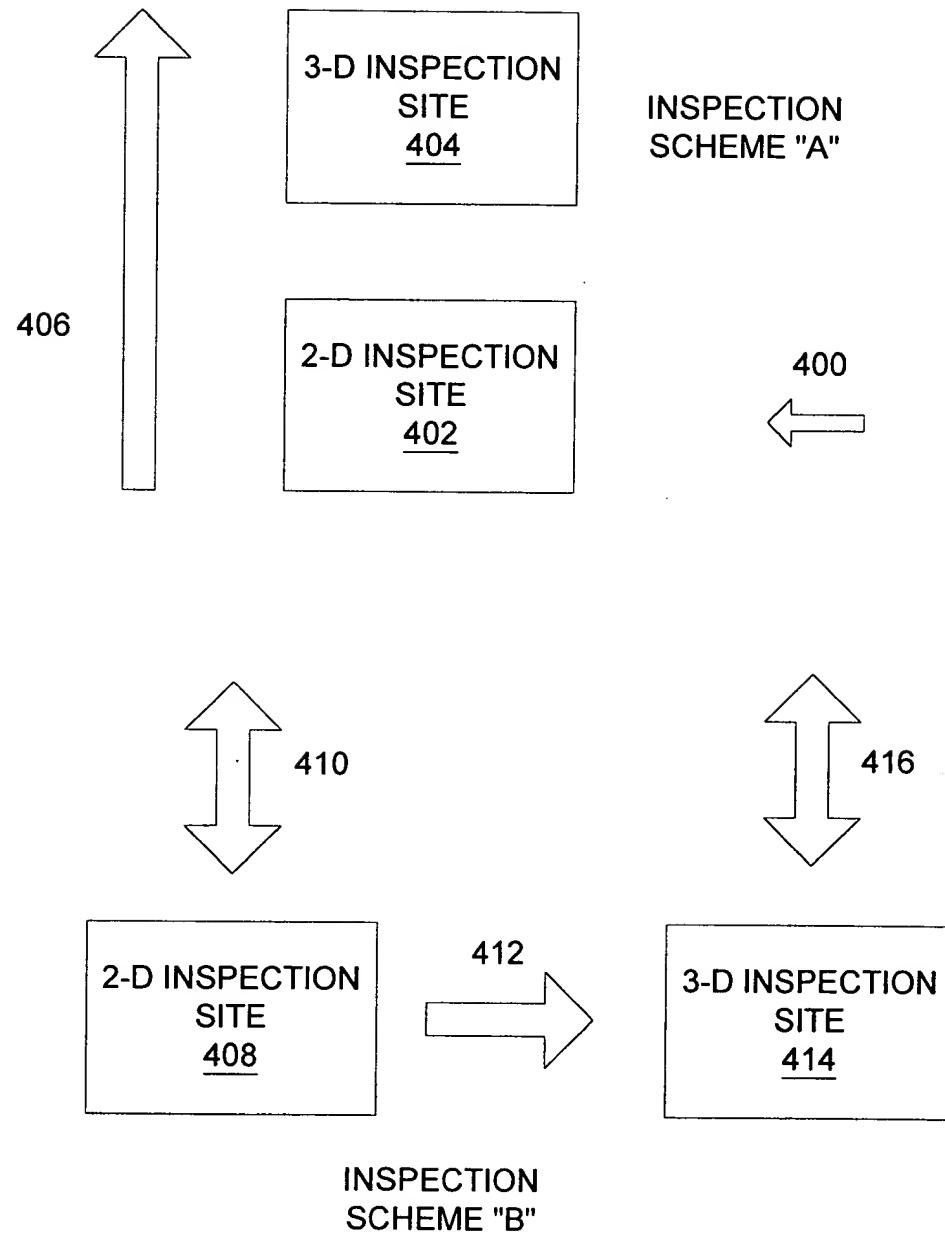
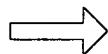


FIGURE 4
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FIGURE 5
013377.0058

500



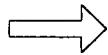
PERFORM 2-D INSPECTION 502

LOCATE FEATURES FOR 3-D JNSPECTION 504

PERFORM 3-D INSPECTION 506

FIGURE 6
103377.0058

600



SCAN INSPECTION IMAGE 602

COMPARE TO TEST IMAGE 604

LOCATE FEATURES FROM COMPARE DATA 606

DETERMINE OPTIMAL LASER PLACEMENT FROM FEATURE COORDINATES 608

YES

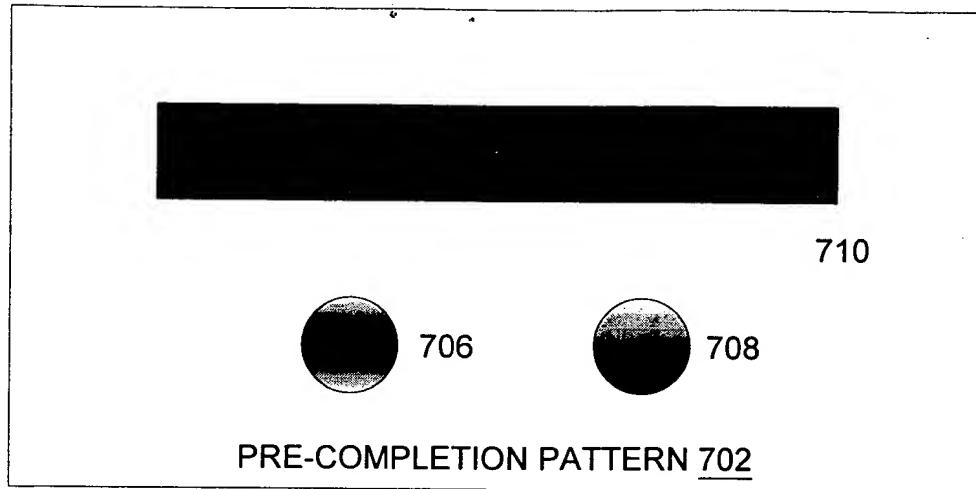
NO

MOVEMENT REQUIRED? 610

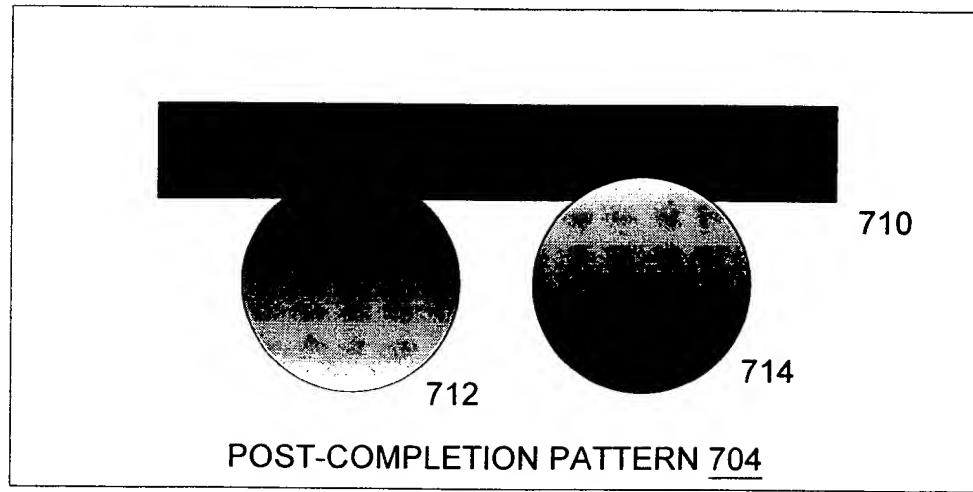
DETERMINE INSPECTION CONTROLS TO PERFORM 3-D INSPECTION

612

PERFORM 3-D INSPECTION 614



00000000000000000000000000000000



700 

FIGURE 7
013377.0058